

7.0 REFERENCES

- Adams, D. 2004. E-mail communication between D. Adams (FBI Laboratory, Director) and Col. G. Parker (Department of Homeland Security, STAR Program Office) on 13 April 2004.
- Adkins, J. 2003. E-mail communication between J. Adkins (Analytical Services, Inc., Environmental Scientist, Safety, Environment and Integrated Planning Office) and J. Hickey (BSA Environmental Services, Inc.) on 13 June 2003.
- Alliance for the Chesapeake Bay, Inc. 2002. *Monocacy River Fact Sheet*. Monocacy River information obtained from <http://www.acb-online.org/pubs.cfm>.
- Bennett, J. 2004. E-mail communication from J. Bennett (USAG, Master Planner, Integrated Planning Office) to J. Beaver (BSA Environmental Services, Inc.) on 16 August 2004.
- Bennett, J. 2003a. Personal communication between J. Bennett (USAG, Master Planner, Integrated Planning Office), J. Hickey (BSA Environmental Services, Inc.), and T. Rosati (BSA Environmental Services, Inc.) on 19 February 2003.
- Bennett, S. 2003b. Memorandum, SFIM-AEC-CDC, subject: Approval of FY03 Installation Pest Management Plan for Fort Detrick Annual Update, 14 February 2003.
- Biddle, B.A., 2003. E-mail communication from B. Biddle (STV, Inc., Transportation Engineer) to J. Beaver (BSA Environmental Services, Inc.) on 05 September 2003.
- Boyland, B. 2004a. E-mail communication from B. Boyland (USAG, Natural Resources Coordinator, Safety, Environment and Integrated Planning Office) to J. Beaver (BSA Environmental Services, Inc.) on 12 March 2004.
- Boyland, B. 2004b. E-mail communication from B. Boyland (USAG, Natural Resources Coordinator, Safety, Environment and Integrated Planning Office) to J. Beaver (BSA Environmental Services, Inc.) on 18 August 2003.
- Boyland, B. 2003a. E-mail communication from B. Boyland (USAG, Cultural Resources Manager) to R. Sheffer (USAG, Safety, Environment and Integrated Planning Office) and J. Beaver (BSA Environmental Services, Inc.) on 30 June 2003.
- Boyland, B. 2003b. E-mail communication between B. Boyland (USAG, Natural Resources Coordinator, Safety, Environment and Integrated Planning Office) and J. Hickey (BSA Environmental Services, Inc.) on 06 June 2003.
- Boyland, B. 2002. E-mail communication between B. Boyland (USAG, Natural Resources Coordinator, Safety, Environment and Integrated Planning Office) and D. Smith (BSA Environmental Services, Inc.) on 20 November 2002.
- Brinjac, Kambic, and Associates. 1989. Odor Problem Study for Fort Detrick, Frederick, Maryland.
- Brubaker, B. 2003. E-mail communication between B. Brubaker (USAG, Safety and Occupational Health Specialist) and J. Hickey (BSA Environmental Services, Inc.) on 15 July 2003.
- Business Wire. 2004. Information regarding Frederick County economics obtained from <http://www.businesswire.com> on 21 April 2004.
- Canny, R. 2002. Personal communication between R. Canny (USAG, Budget Analyst, Housing Office) and J. Beaver (BSA Environmental Services, Inc.) on 15 March 2002.

- Carr, K., Henschel, E. A., Wilhelmsen, C., and Carr, B. 2004. Implementation of Biosurety Systems in a Department of Defense Medical Research Laboratory. *Biosecure Bioterror* 2(1): 7–16.
- Centers for Disease Control and Prevention and National Institutes of Health. 1999. DHHS Publication No. 93-8395. *Biosafety in Microbiological and Biomedical Laboratories*. Fourth Edition. May 1999.
- City of Frederick. 2003. Source water information from the City of Frederick Department of Public Works obtained from <http://www.cityoffrederick.com/departments/DPW/water.html>.
- City of Frederick Planning Department. 2002. *The City of Frederick Growth and Development Report 2002*. City of Frederick Planning Department, Frederick, Maryland.
- City of Frederick Planning Department. 1995. City of Frederick Comprehensive Plan. 17 August 1995.
- Cole, L. 2003. Telephone conversation between L. Cole (USAG, Housing Office) and J. Hickey (BSA Environmental Services, Inc.) on 12 June 2003.
- Covert, N.M. 2000. *Cutting Edge: A History of Fort Detrick, Maryland*. Prepared by the Public Affairs Office, Fort Detrick, Maryland. Fourth Edition.
- Covert, N.M. 1996. Telephone conversation between N.M. Covert (USAG, Chief, Public Affairs Office) and R.L. Phillips (BSA Environmental Services, Inc.) on 01 November 1996.
- Cox, C.S., Gagen, S.J., Baxter, J. 1974. Aerosol survival of *Serratia marcescens* as a function of oxygen concentration, relative humidity, and time. *Can J Microbiol.* 20(11):1529-34.
- Craig, R. 2004. E-mail correspondence from R. Craig (USAG, Chief, Environmental Management Office; Safety, Environment and Integrated Planning Office) to J. Beaver (BSA Environmental Services, Inc.) on 06 July 2004.
- CUH2A. 2004. National Interagency Biodefense Campus at Fort Detrick, Facility Planning & Development, Master Plan Report, 50% Deliverable. 30 March 2004. CUH2A, Project # 0723-007.01, Fort Detrick, Maryland.
- Defense Threat Reduction Agency (DTRA). 2002. Hazard Prediction and Assessment Capability (HPAC), User Guide, Version 4.0.1.
- Department of the Army. 1991. *Installation Environmental Assessment*. February 1991.
- Department of the Army. 1977. *Installation Assessment of Fort Detrick, Maryland, Record Evaluation Report No. 106, Volume I*. Department of the Army, Office of the Project Manager for Chemical Demilitarization and Installation Restoration, Aberdeen Proving Ground, Maryland.
- Department of the Army, Directorate of Installation Services. 2001. *Master Plan, Basic Information Maps, General Site Map*. Department of the Army Installation Number 24225. 02 October 2001.
- Department of Defense. 2002. *Standard Installation Topic Exchange Service Relocation Information for Fort Detrick, Maryland* obtained at http://www.militaryexits.com/military_bases/fort_detrick_md_army.shtml on 10 April 2002.
- Department of Homeland Security and U.S. Army Garrison. 2004. *Final Environmental Baseline Survey, Southern Portion of the National Interagency Biodefense Campus on Area A at Fort Detrick, Maryland*. 02 April 2004. U.S. Army Garrison, Fort Detrick, Maryland.

- Dimarco, R. 2002. Telephone communication between R. Dimarco (USAG, Chief of Engineering and Construction, Directorate of Installation Services) and J. Hickey (BSA Environmental Services, Inc.) on 16 August 2002.
- Directorate of Installation Services. 1999. *Fort Detrick Wastewater Treatment Plant Quarterly Effluent Toxicity Study*. 23 April 1999.
- Dressler, M. 2004a. E-mail communication between M. Dressler (USAG, Chief, Waste Management, DIS) and J. Beaver (BSA Environmental Services, Inc.) on 02 September 2004.
- Dressler, M. 2004b. E-mail communication between M. Dressler (USAG, Chief, Waste Management, DIS) and D. Pearce (BSA Environmental Services, Inc.) on 03 June 2004.
- Dressler, M. 2002a. Discussion between M. Dressler (USAG, Chief, Waste Management, DIS) and S. Kozak (BSA Environmental Services, Inc.) during a site visit on 05 June 2002.
- Dressler, M. 2002b. E-mail communication between M. Dressler (USAG, Chief, Waste Management, DIS) and D. Petrouski (BSA Environmental Services, Inc.) on 10 July 2002.
- Federal Emergency Management Agency. 1978. Flood Insurance Rate Map for Frederick County, Maryland. Panel Number 2400270180A. 01 June 1978.
- Federline, D. 2003. E-mail communication from D. Federline (USAG, Integrated Planning Office, Real Property Specialist, Real Property Office) to J. Hickey (BSA Environmental Services, Inc.) on 25 February 2003.
- Federline, D. 2002a. E-mail communication from D. Federline (USAG, Integrated Planning Office, Real Property Specialist, Real Property Office) to D. Smith (BSA Environmental Services, Inc.) on 07 November 2002.
- Federline, D. 2002b. E-mail communication from D. Federline (USAG, Integrated Planning Office, Real Property Specialist, Real Property Office) to D. Smith (BSA Environmental Services, Inc.) on 14 November 2002.
- Fort Detrick. 2003. Information regarding Fort Detrick current operating conditions obtained from <http://www.detrick.army.mil/detrick>.
- Fort Detrick Standard. 2003. "Developer for New Housing Announced." 10 July 2003.
- Frederick County Department of Planning and Zoning. 2003. Planning Information obtained from <http://www.co.frederick.md.us/planning>.
- Frederick County Department of Planning and Zoning. 2000. *Demographics and Development Data Report*. March 2000.
- Frederick County, Maryland *Ad Hoc* Local Emergency Planning Committee. 2002. *Response to Chemical, Biological, Radiological, Nuclear or Explosive (CBRNE) Terrorist Acts: Concept of Operations*. July 2002.
- Frederick County Office of Economic Development. 2002. Employment information obtained from <http://www.discoverfrederickmd.com/fastfacts/people/labor.cfm>.
- Frederick News-Post. 2004. "Detrick Undergoes Facelift: Upgrades to Add Mall, Commissary." 27 April 2004.
- GCI Environmental Services. 2002. Fort Detrick, Frederick, Maryland; Data Report for: Semiannual Monitoring Event September 2002.

- General Physics. 2004. *Fort Detrick Area A Stormwater Assessment*. Final. Prepared for the U.S. Army Garrison. June 2004.
- Goldstein, M. 2003. Telephone conversation between M. Goldstein (Maryland Department of Planning) and T. Rosati (BSA Environmental Services, Inc.) on 16 June 2003.
- Goodwin and Associates, Inc. 2003. *Phase II Evaluation of Site 18FR685, Wide Pastures, Fort Detrick, Frederick County, Maryland*. Final. Prepared for the U.S. Army Medical Research Acquisition Activity. 21 February 2003.
- Goodwin and Associates, Inc. 2002. *Historic Military Quarters Handbook – Architectural Styles* obtained from <http://www.denix.usd.mil/denix/Public/ES-Programs/Conservation/Quarters/four.html>.
- Goodwin and Associates, Inc. 1993. *Phase I Archeological Survey of Fort Detrick*. Prepared for the U.S. Army Corps of Engineers. August 1993.
- Gortva, J. 2004. Telephone conversation between J. Gortva (USAG, Safety, Environment and Integrated Planning Office) and D. Pearce (BSA Environmental Services, Inc.) on 21 May 2004.
- Gortva, J. 2003a. E-mail communication from J. Gortva (USAG, Safety, Environment and Integrated Planning Office) to T. Rosati (BSA Environmental Services, Inc.) on 28 February 2003.
- Gortva, J. 2003b. E-mail communication from J. Gortva (USAG, Safety, Environment and Integrated Planning Office) to J. Beaver (BSA Environmental Services, Inc.) on 18 August 2003.
- Gortva, J. 2003c. Personal communication between J. Gortva (USAG, Safety, Environment and Integrated Planning Office) and J. Hickey (BSA Environmental Services, Inc.) on 20 August 2003.
- Gortva, J. 2002. E-mail correspondence between J. Gortva (USAG, Safety, Environment and Integrated Planning Office), SEIPO personnel, and J. Hickey (BSA Environmental Services, Inc.) on 17 October 2002.
- Grams, D. 2004a. E-mail communication from D. Grams (USAG, Water/Wastewater Supervisor, DIS) to D. Pearce (BSA Environmental Services, Inc.) dated 22 June 2004.
- Grams, D. 2004b. E-mail communication from D. Grams (USAG, Water/Wastewater Supervisor, DIS) to D. Pearce (BSA Environmental Services, Inc.) dated 01 July 2004.
- Grams, D. 2003a. E-mail communication from D. Grams (USAG, Water/Wastewater Supervisor, DIS) to T. Rosati (BSA Environmental Services, Inc.) dated 27 January 2003.
- Grams, D. 2003b. E-mail communication from D. Grams (USAG, Water/Wastewater Supervisor, DIS) to T. Rosati (BSA Environmental Services, Inc.) dated 29 January 2003.
- Grams, D. 2003c. Telephone conversation between D. Grams (USAG, Water/Wastewater Supervisor, DIS) and T. Rosati (BSA Environmental Services, Inc.) on 18 July 2003.
- Grams, D. 2002. Telephone conversations between D. Grams (USAG, Water/Wastewater Supervisor, DIS) and S. Kozak (BSA Environmental Services, Inc.) on 27 March – 03 April 2002.
- Grams, D. 2000. Telephone conversation between D. Grams (USAG, Water/Wastewater Supervisor, DIS) and D. Smith (BSA Environmental Services, Inc.) on 07 July 2000.

- Greenfield, S. 2002. *Frederick County: The Issue was Water*. The Gazette. 27 December 2002.
- Greenwood, J.R., Col., MS. 2001. Written communication dated 13 June 2001, from Colonel J.R. Greenwood (USAG, Deputy Installation Commander of Fort Detrick) to E. Rosvold regarding odors at Fort Detrick.
- Harding, A.L. and Byers, K.B. 2000. Epidemiology of laboratory-associated infections. In: Fleming, D.O. and Hunt, D.L. eds. *Biological Safety: Principles and Practices*, 3rd ed. Washington, DC, ASM Press.
- Johns Hopkins Medical Institutions. 1997. The Johns Hopkins Microbiology Newsletter, Vol. 16, No. 28. Information regarding *Serratia marcescens* obtained at <http://pathology5.pathology.jhmi.edu/micro/v16n28.htm>. 28 July 1997.
- Johnson, K.M. 2003. *Biosafety at BSL4: More than 20 Years' Experience at Three Major Facilities*. Appendix D of National Institutes of Health. FEIS, Rocky Mountain Laboratories Integrated Research Facility, Hamilton, Montana. April 2004.
- Jones, L. 2003. E-mail communication between L. Jones (Assistant State Climatologist, Maryland State Climatologist Office) and D. Smith (BSA Environmental Services, Inc.) on 29 April 2003.
- Ko, G., First, M.W., Burge, H.A. 2000. Influence of relative humidity on particle size and UV sensitivity of *Serratia marcescens* and *Mycobacterium bovis* BCG aerosols. *Tuber Lung Dis.* 80(4-5):217-28.
- Lewis, M. 2004a. E-mail correspondence from M. Lewis (Analytical Services, Inc., Safety, Environment and Integrated Planning Office) to J. Beaver (BSA Environmental Services, Inc.) on 16 August 2004.
- Lewis, M. 2004b. E-mail correspondence from M. Lewis (Analytical Services, Inc., Safety, Environment and Integrated Planning Office) to J. Beaver (BSA Environmental Services, Inc.) on 1 November 2004.
- Lewis, M. 2004c. E-mail correspondence from M. Lewis (Analytical Services, Inc., Safety, Environment and Integrated Planning Office) to J. Beaver (BSA Environmental Services, Inc.) on 30 June 2004.
- Luhn, B. 2003. E-mail correspondence from B. Luhn (City of Frederick, Water Treatment Supervisor) to T. Rosati (BSA Environmental Services, Inc.) on 24 January 2003.
- Maryland Department of Labor, 2003. *Licensing and Regulation, Office of Labor Market Analysis and Information*. Labor force and employment statistics obtained from <http://www.dllr.state.md.us/lmi/laus/frederla.htm> on 16 May 2003.
- Maryland Department of Natural Resources. 1999. *State of the Streams: 1995-1997 Maryland Biological Stream Survey Results*. July 1999.
- Maryland Department of the Environment. 2004. Discharge Permit (National Pollutant Discharge Elimination System Permit No. MD0020877) for the Fort Detrick Wastewater Treatment Plant. Maryland Department of the Environment, Water Management Administration, Surface Discharge Permit Division.
- Maryland Department of the Environment. 2003a. Water Conservation Conditions in Maryland, 31 March 2003 and previous, obtained from http://www.mde.state.md.us/Programs/WaterPrograms/Water_Consevation/Current_Conditions/index.asp.

- Maryland Department of the Environment. 2003b. NAAQS information for Maryland obtained from <http://www.mde.state.md.us/Programs/AirPrograms/airData/national.asp>.
- Maryland Department of the Environment. 2003c. Air Quality information obtained from <http://www.mde.state.md.us/Programs/AirPrograms/airData/airQuality.asp>.
- Maryland Department of the Environment. 2003d. Ozone data collected from the Frederick County Health Department air monitoring station from 1995 to 2001 obtained from http://www.mde.state.md.us/Air/air_quality/HistoricalData/fredrick.asp.
- Maryland Department of the Environment. 2002. Fort Detrick Incinerator Complex Amendment Request Fact Sheet.
- Maryland Department of the Environment. 2001. Consent Order (MDE# C-0-02-SW-033) approved on 14 November 2001.
- Maryland Department of the Environment. 2000a. *2000 Maryland Stormwater Design Manual Volumes I and II*. Center for Watershed Protection.
- Maryland Department of the Environment. 2000b. Refuse Disposal Permit No. 2000-WIN-0341. Maryland Department of the Environment.
- Maryland Department of the Environment. 1999. Case File No. 95-2030FR, Bldg. 190 ASTs and USTs. MDE Waste Management Administration.
- Maryland Department of the Environment, Air and Radiation Management Administration. 2004. *MDE 2003 Emissions Certification Reports – 2002 Emissions* (MDE, ARMA Query 21). Information requested by D. Pearce (BSA Environmental Services, Inc.) from MDE, ARMA (Tracking Number: 2004-22509) on 05 August 2004.
- Maryland Department of the Environment, Air and Radiation Management Administration. 2002. *Clean Air Act Title V Permitting*. Information obtained from <http://www.mde.state.md.us/arma/Programs/Aqpermit/title5.html>.
- Maryland Geological Survey. 2001. Earthquake and Maryland. Pamphlet compiled by J.P. Reger in 1987 and revised in 2001, obtained from <http://www.mgs.md.gov/esic/brochures/earthquake.html>.
- Maryland Office of Environmental Programs. 1986. *Maryland Air and Water Quality Atlas*, Second edition.
- Maryland Historical Trust. 2003. National Register of Historic Places listing for Frederick County, Maryland obtained from <http://www.marylandhistoricaltrust.net/NR/NRPickCounty.html> on 14 May 2003.
- Maryland State Data Center. 2003a. Demographic and Socio-Economic Outlook for Frederick County obtained from <http://www.mdp.state.md.us/MSDC/County/fred02.pdf> on 16 May 2003.
- Maryland State Data Center. 2003b. *New Housing and Construction Value Authorized in Maryland: Annual 2002*. Information obtained from <http://www.mdp.state.md.us/MSDC/newhh/newhhidx.htm> on 16 May 2003.
- Maryland State Office of Climatology. 2002. Climate data for Frederick County based on a thirty-year average obtained from <http://www.discoverfrederickmd.com/old/demog/demog3.htm>.
- Mathews, J. 1998. Written personal communication from J. Mathews (USAG, Fort Detrick Pipe Shop) to L.A. Orlando (BSA Environmental Services, Inc.) dated 30 January 1998.

- Mummert, D. 2004. Telephone conversation between D. Mummert (MDE Air Quality Permitting [Title V]) and D. Pearce (BSA Environmental Services, Inc.) on 13 April 2004.
- National Cancer Institute and U.S. Army Garrison. 2003. *Environmental Baseline Survey, Potential Expansion of the National Cancer Institute in the Southwest Portion of Area A at Fort Detrick, Maryland*. 03 January 2003.
- National Cancer Institute – Frederick. 2004. *RY2003 Tier Two Emergency and Hazardous Chemical Inventory Report*. 25 February 2004.
- National Climatic Data Center. 2003. Records of weather-related events in Frederick County, Maryland, from 01 January 1950 to 28 February 2003 obtained from <http://www4.ncdc.noaa.gov/cgi-win/wwcgl.dll?wwevent~storms>.
- National Institutes of Health and U.S. Army Garrison. 2003. Final Environmental Impact Statement, Construction and Operation of an Integrated Research Facility by the National Institutes of Health at Fort Detrick, Maryland. 05 December 2003.
- National Research Council. 1996. DHHS Publication No. 86-23. Guide for the Care and Use of Laboratory Animals. U.S. Department of Health and Human Services.
- National Weather Service. 2002. Flood data obtained from <http://205.156.54.206/er/lwx/rivers/fdkm2.htm>.
- Oak Ridge National Laboratory. 2001. *Report on Airborne Geophysical Survey of Fort Detrick, Maryland*. T. Jeffrey Gamey. July 2001.
- Office of Homeland Security. 2002. *National Strategy for Homeland Security*. July 2002. Information obtained from http://www.whitehouse.gov/homeland/book/nat_strat_hls.pdf.
- Paul, B. 2004. Telephone conversation between B. Paul (MDE Air Quality Permitting [NSR]) and T. Rosati (BSA Environmental Services, Inc.) on 15 April 2004.
- Potter, L. 2004a. E-mail correspondence from L. Potter (USAG, Director, DIS) to D. Pearce (BSA Environmental Services, Inc.) on 25 June 2004.
- Potter, L. 2004b. E-mail correspondence from L. Potter (USAG, Director, DIS) to D. Pearce (BSA Environmental Services, Inc.) on 12 August 2004.
- Potter, L. 2003a. E-mail correspondence from L. Potter (USAG, Director, DIS) to J. Beaver (BSA Environmental Services, Inc.) on 04 August 2003.
- Potter, L. 2003b. E-mail correspondence from L. Potter (USAG, Director, DIS) to J. Beaver (BSA Environmental Services, Inc.) on 12 November 2003.
- Prince Georges County, Maryland Department of Environmental Resources. 1999. *Low-Impact Development Design Strategies: An Integrated Design Approach* obtained from <http://www.epa.gov/owow/nps/lid>.
- RASCO, Inc. 1996. *Engineering and Economic Feasibility Study, Laboratory Sewer System and Steam Sterilization Plant, Fort Detrick, Maryland*. June 1996.
- RBA Group. 2003. *City of Frederick, Citywide Traffic Study-Existing Conditions Evaluation*. 03 January 2003.
- Restoration Advisory Board. 2003. Fort Detrick Restoration Advisory Board information obtained from <http://www.detrick.army.mil/detrick/rab/index.cfm> on 18 May 2003.

- Riley, R.L., and Kaufman, J.E. 1972. Effect of relative humidity on the inactivation of airborne *Serratia marcescens* by ultraviolet radiation. *Appl Microbiol.* 23(6):1113-20.
- Ritter, B. 2003. Telephone conversation between B. Ritter (SAIC-Frederick, Engineer) and J. Hickey (BSA Environmental Services, Inc.) on 04 March 2003.
- Schnabel Engineering and Associates, Inc. 2002. *Phase II Environmental Site Assessment Additional Environmental Investigation, New Commissary, Fort Detrick, Porter Street and Randall Street, Frederick County, Frederick, Maryland.* Schnabel Reference No. 02121176). 16 September 2002.
- Schultz, W. 2004. E-mail correspondence from W. Schultz (USAMRIID, Environmental Protection Specialist, Safety Office) to J. Beaver (BSA Environmental Services, Inc.) on 30 June 2004.
- Seal, D. 2002. E-mail correspondence from D. Seal (City of Frederick, Water Quality Supervisor) to M. Ezzo (BSA Environmental Services, Inc.) on 01 April 2002.
- Sewell, D.L. 1995. *Laboratory-associated infections and biosafety.* *Clinical Microbiology Reviews* 8:389-405.
- Shaw Environmental and Infrastructure, Inc. 2003a. *Geophysical Survey Report: Proposed NIAID/USAMRIID and NCI Construction Sites, Draft.* 18 April 2003. Fort Detrick, Frederick, Maryland.
- Shaw Environmental and Infrastructure, Inc. 2003b. *Trenching Data Report: Proposed NIAID/USAMRIID Construction Site, Final.* 30 June 2003. Fort Detrick, Frederick, Maryland.
- Sheffer, R. 2002a. Personal communication between R. Sheffer (USAG, Environmental Engineer, Safety, Environment and Integrated Planning Office) and J. Beaver (BSA Environmental Services, Inc.) on 19 April 2002.
- Sheffer, R. 2002b. Telephone conversation between R. Sheffer (USAG, Environmental Engineer, Safety, Environment and Integrated Planning Office) and J. Hickey (BSA Environmental Services, Inc.) on 17 October 2002.
- Silvestri, D. 2003a. E-mail correspondence from D. Silvestri (USAG, Safety, Environment and Integrated Planning Office) to J. Hickey (BSA Environmental Services, Inc.) on 16 June 2003.
- Silvestri, D. 2003b. Telephone conversation between D. Silvestri (USAG, Safety, Environment and Integrated Planning Office) and T. Rosati (BSA Environmental Services, Inc.) on 11 August 2003.
- Silvestri, D. 2002a. E-mail communication from D. Silvestri (USAG, Safety, Environment and Integrated Planning Office) to S. Kozak (BSA Environmental Services, Inc.) on 13 May 2002.
- Silvestri, D. 2002b. Site visit with D. Silvestri (USAG, Safety, Environment and Integrated Planning Office) and J. Hickey (BSA Environmental Services, Inc.) on 05 September 2002.
- Silvestri, D. 2002c. E-mail correspondence from D. Silvestri (USAG, Safety, Environment and Integrated Planning Office) to J. Hickey (BSA Environmental Services, Inc.) on 26 November 2002.
- Slattery, M.E. 1997. Written personal communication between M.E. Slattery (Associate Director, Wildlife and Heritage Division, MDNR) and N.A. Ferrari (BSA Environmental Services, Inc.) on 07 October 1997.

- Soil Conservation Service. 1956. *Soil Survey of Frederick County, Maryland*. U.S. Department of Agriculture, Soil Conservation Service, Washington, DC.
- Spears, L. 2003. Personal communication between L. Spears (USAG, Operations and Maintenance Management Specialist, DIS) and J. Hickey and T. Rosati (BSA Environmental Services, Inc.) on 01 May 2003.
- Spears, L. 2002a. Telephone conversation between L. Spears (USAG, Operations and Maintenance Management Specialist, DIS) and M. Esso (BSA Environmental Services, Inc.) on 22 March 2002.
- Spears, L. 2002b. E-mail correspondence between L. Spears (USAG, Operations and Maintenance Management Specialist, DIS) and J. Hickey (BSA Environmental Services, Inc.) on 19 November 2002.
- STV, Inc. 2003a. *Land Use Plan Assessment, Fort Detrick, Maryland, Final*. March 2003.
- STV, Inc. 2003b. *Final Installation-Wide Transportation Study, Fort Detrick*. July 2003.
- STV, Inc. 2002. *Feasibility Study Report: Conversion/Renovation of Building 1430*. August 2002.
- Thompson, George W. 2004. E-mail correspondence from George W. Thompson (USAG) to J. Beaver (BSA Environmental Services, Inc.) on 23 August 2004.
- Trapp, Henry, Jr. and Marilee A. Horn, USGS. 1997. *Groundwater Atlas of the United States, Delaware, Maryland, New Jersey, North Carolina, Pennsylvania, Virginia, and West Virginia, HA-730-L, Regional Summary*. Geology information obtained from http://capp.water.usgs.gov/gwa/ch_1/L-text1.htm.
- U.S. Army Center for Health Promotion and Preventive Medicine. 2001. *Ground-Water Quality, Building 950 Fort Detrick, Maryland*. 31 July 2001.
- U.S. Army Center for Health Promotion and Preventive Medicine. 1998. *Ground-Water Quality at Buildings 950 and 950 Fort Detrick, Maryland*. 02 March – 05 March 1998.
- U.S. Army Corps of Engineers. 2003. *Draft Environmental Assessment for the Residential Communities Initiative Fort Detrick, Maryland*. January 2003. U.S. Army Corps of Engineers.
- U.S. Army Corps of Engineers. 2002a. *Bldg. 190 Groundwater Study, Work Management Plan – Well Installation, Area A, U.S. Army Garrison, Fort Detrick, Frederick, Maryland*. 15 March 2002.
- U.S. Army Corps of Engineers. 2002b. *Bldg. 190 Corrective Action Report with Oil Skimmer Operation and Maintenance Guide*. 14 February 2002.
- U.S. Army Corps of Engineers. 2001. *Fort Detrick Photogeologic Analysis Amended Final Report, Maryland*. U.S. Army Corps of Engineers, Engineer Research and Development Center, Topographic Engineering Center, Alexandria, Virginia, April 2001.
- U.S. Army Corps of Engineers. 2000a. *Fort Detrick Remedial Investigation Report, Area A, Revised Final, Parts I and II*. June 2000. IT Corporation, Edgewood, Maryland.
- U.S. Army Corps of Engineers. 2000b. *Integrated Cultural Resources Management Plan, Fort Detrick, Maryland*. January 2000. U.S. Army Corps of Engineers.

- U.S. Army Corps of Engineers. 1999. *Corrective Action Plan and Site Safety and Health Plan Addendum, Former No. 6 fuel oil UST Site, Boiler Plant, Building 190, Fort Detrick Frederick, Maryland.*
- U.S. Army Corps of Engineers. 1997. *MCA Barracks Complex Environmental Assessment, Fort Detrick, Maryland.* December 1997. U.S. Army Corps of Engineers and U.S. Army Medical Command.
- U.S. Army Corps of Engineers. 1992. *Cultural Resources Management Plan and Maintenance, Rehabilitation and Repair Guidelines for Fort Detrick, Maryland.* August 1992. U.S. Army Corps of Engineers.
- U.S. Army Garrison. 2004a. *Environmental Assessment, Revised Area B Master Plan, Fort Detrick, Maryland.* 17 May 2004. U.S. Army Garrison, Fort Detrick, Maryland.
- U.S. Army Garrison. 2004b. *Wastewater Treatment Plant Final Radiological Survey Plan and Survey Results.* U.S. Army Garrison, Fort Detrick, Maryland.
- U.S. Army Garrison. 2004c. *RY 2003 Tier Two Emergency and Hazardous Chemical Inventory Report.* 27 February 2004. U.S. Army Garrison, Fort Detrick, Maryland.
- U.S. Army Garrison. 2003a. *Environmental Assessment, Installation Master Plan for Fort Detrick, Maryland.* 01 September 2003. U.S. Army Garrison, Fort Detrick, Maryland.
- U.S. Army Garrison. 2003b. *Barquist Army Health Care Facility.* Information obtained from <http://www.detrick.army.mil/tenants/barquist/barquist.cfm>.
- U.S. Army Garrison. 2003c. *Storm Water Pollution Prevention Plan.* 31 January 2003. U.S. Army Garrison, Fort Detrick, Maryland.
- U.S. Army Garrison. 2003d. *Investigation of Elevated Tritium Levels in the Garrison's Sanitary Landfill Located in the Fort Detrick Area B.* September 2003. U.S. Army Garrison, Fort Detrick, Maryland.
- U.S. Army Garrison. 2003e. *Integrated Pest Management Plan for Fort Detrick and Site R, Frederick, Maryland.* Annual update approved as of 14 February 2003.
- U.S. Army Garrison. 2002a. *Environmental Assessment, Fluoridation of the Fort Detrick Drinking Water System.* March 2002. U.S. Army Garrison, Fort Detrick, Maryland.
- U.S. Army Garrison. 2002b. *Integrated Natural Resources Management Plan for U.S. Army Garrison Fort Detrick.* February 2002. U.S. Army Garrison, Fort Detrick, Maryland.
- U.S. Army Garrison. 2002c. *Environmental Assessment for the Construction and Operation of Family Housing Quarters at Fort Detrick, Maryland.* 16 April 2002. U.S. Army Garrison, Fort Detrick, Maryland.
- U.S. Army Garrison. 2001. *Integrated Natural Resource Management Plan.* 2001. U.S. Army Garrison, Fort Detrick, Maryland.
- U.S. Army Garrison. 2000a. *Drinking Water System Privatization Environmental Assessment.* March 2000. U.S. Army Garrison, Fort Detrick, Maryland.
- U.S. Army Garrison. 2000b. *Water Utility Pollution Prevention Plan.* 13 October 2000. U.S. Army Garrison, Fort Detrick, Maryland.
- U.S. Army Garrison. 1998. *Fort Detrick Environmental Planning Guide.* June 1998. U.S. Army Garrison, Fort Detrick, Frederick, Maryland.

- U.S. Army Garrison. 1997. Environmental Assessment for the Construction of Two Sterilization Facilities, Conversion and Abandonment of the Laboratory Sewer System and Deactivation of the Steam Sterilization Plant. February 1997. U.S. Army Garrison, Fort Detrick, Maryland.
- U.S. Army Medical Research and Development Command. 1991. Environmental Assessment of U.S. Army Medical Research Institute of Infectious Diseases. 1991. U.S. Army Medical Research and Development Command, Fort Detrick, Maryland.
- U.S. Army Medical Research and Development Command. 1989. *Final Programmatic Environmental Impact Statement, Biological Defense Research Program*. 1989. U.S. Army Medical Research and Development Command, Fort Detrick, Maryland.
- U.S. Army Medical Research and Materiel Command. 2004. *Final Programmatic Environmental Impact Statement, Chemical and Biological Defense Program*. May 2004.
- U.S. Army Medical Research and Materiel Command. 2002. *Environmental Assessment, Construction and Operation of an Animal Facility on Area A at Fort Detrick, Maryland*. 26 July 2002. U.S. Army Medical Research and Materiel Command, Fort Detrick, Maryland.
- U.S. Army Medical Research and Materiel Command. 2001. *Environmental Assessment of U.S. Army Medical Research Institute of Infectious Diseases*. June 2001. U.S. Army Medical Research and Materiel Command, Fort Detrick, Maryland.
- U.S. Census Bureau. 2004. *U.S. Census Bureau, American FactFinder*. Information regarding the poverty status of persons in census block group 7507-3 (Frederick, Maryland) in 1999 obtained from <http://factfinder.census.gov> on 22 April 2004.
- U.S. Census Bureau. 2002. *U.S. Census Bureau, American FactFinder*. Information regarding the demographics of Frederick, Maryland, based on the 2000 U.S. Census, obtained from <http://factfinder.census.gov> on 11 December 2002.
- U.S. Department of Agriculture. 2002. *Soil Survey of Frederick County, Maryland*. U.S. Department of Agriculture, Natural Resources Conservation Service, Washington, DC.
- U.S. Department of Energy. 1996. *Accident Analysis for Aircraft Crash Into Hazardous Facilities*. DOE-STD-3014-96. October 1996.
- U.S. Department of Transportation. 2004. Hazardous Materials Information System, *Annual Hazmat Summaries by Class* for 1993 through 2003 obtained from <http://hazmat.dot.gov/files/hazmat/hmisframe.htm>.
- U.S. Department of Transportation. 2001. U.S. Department of Transportation, *A Comparison of Risk; Accidental Deaths – United States – 1994-1998*, U.S. DOT Research and Special Programs Administration. Information obtained from <http://hazmat.dot.gov/rishcompare.htm> on March 2001.
- U.S. Environmental Protection Agency. 2004. *Eight-Hour Ground-Level Ozone Designations*. Information regarding the Clean Air Ozone Rules of 2004 and Frederick County, Maryland (Washington, DC-MD-VA) nonattainment area designation obtained from <http://www.epa.gov/ozonedesignations/> on 15 April 2004 and 27 May 2004.
- U.S. Environmental Protection Agency. 2003. *Pesticides: Topical & Chemical Fact Sheets: Paraformaldehyde* obtained from http://www.epa.gov/pesticides/factsheets/chemicals/paraformaldehyde_factsheet.htm#bkmrk4.

- U.S. Environmental Protection Agency. 2001. *Monocacy Watershed Profile* information obtained from http://cfpub.epa.gov/surf/huc.cfm?huc_code=0207009 on 29 October 2001.
- USEPA Office of the Federal Environmental Executive. 1995. *Guidance for Environmentally and Economically Beneficial Landscape Practices on Federal Landscaped Grounds*. 60 FR 40837-41. 10 August 1995.
- U.S. Fish and Wildlife Service. 1999. *Wetlands Inventory Report For Fort Detrick, Frederick County, Maryland*, U.S. Fish and Wildlife Service, National Wetlands Inventory Program, Washington, DC 20240, August 1999.
- U.S. Geological Survey. 2003. Streamflow data for Monocacy River at Jug Bridge obtained from http://waterdata.usgs.gov/md/nwis/dv?format=html&period=548&site_no=01643000 on 06 March 2003.
- U.S. Geological Survey. 2002a. *USGS 01643000 Monocacy River at Jug Bridge near Frederick, Maryland*. Daily mean streamflow as of 21 June 2002, and watershed information obtained from http://waterdata.usgs.gov/md/nwis/dv/?site_no=01643000&agency_cd=USGS.
- U.S. Geological Survey. 2002b. *USGS 01643000 Monocacy River at Jug Bridge near Frederick, Maryland*. Lowest monthly mean streamflow information obtained from http://waterdata.usgs.gov/md/nwis/monthly/?site_no=01643000&agency_cd=USGS.
- U.S. Geological Survey. 2000. *1900 to 1999 Annual Peak Flow Data for Monocacy River at Jug Bridge near Frederick, Maryland, Station number: 01643000*.
- U.S. Geological Survey. 1993. Frederick, Maryland 7.5 minute series topographic quadrangle.
- Warner, A. 2003. E-mail correspondence from A. Warner (USAG, Supervisor, Boiler Plant Operations Section) and L. Spears (USAG, Operations and Maintenance Management Specialist) and J. Hickey (BSA Environmental Services, Inc.) on 16 June 2003.
- Weiss, H., Ling, C.C., Epp, E.R., Santomasso, A., Heslin, J.M. 1975. Irradiation of *Serratia marcescens* by single and double pulses of high-intensity electrons: oxygen diffusion kinetics and lifetime of oxygen-sensitive species. *Radiat Res.* 61(3):355-65.
- Williams, E. 2003. E-mail communication from E. Williams (USAG, Geographic Information Systems) to T. Rosati (BSA Environmental Services, Inc.) on 15 July 2003.
- Wolf, R. 2004a. E-mail communication from R. Wolf (USAG, Air Programs Manager, Safety, Environment and Integrated Planning Office) to J. Beaver (BSA Environmental Services, Inc.) on 15 March 2004.
- Wolf, R. 2004b. E-mail correspondence from R. Wolf (USAG, Air Programs Manager, Safety, Environment and Integrated Planning Office) to T. Rosati (BSA Environmental Services, Inc.) on 20 April 2004.
- Wolf, R. 2003a. E-mail correspondence from R. Wolf (USAG, Air Programs Manager, Safety, Environment and Integrated Planning Office) to J. Hickey (BSA Environmental Services, Inc.) on 14 February 2003.
- Wolf, R. 2003b. E-mail correspondence from R. Wolf (USAG, Air Programs Manager, Safety, Environment and Integrated Planning Office) to J. Hickey (BSA Environmental Services, Inc.) on 20 June 2003.
- Wolf, R. 2002a. E-mail correspondence from R. Wolf (USAG, Air Programs Manager, Safety, Environment and Integrated Planning Office) to J. Hickey (BSA Environmental Services, Inc.) on 30 August 2002.

Wolf, R. 2002b. E-mail correspondence from R. Wolf (USAG, Air Programs Manager, Safety, Environment and Integrated Planning Office) to J. Beaver (BSA Environmental Services, Inc.) on 24 July 2002.

Wolf, R. 2002c. E-mail correspondence from R. Wolf (USAG, Air Programs Manager, Safety, Environment and Integrated Planning Office) to S. Kozak (BSA Environmental Services, Inc.) on 03 June 2002.

World Health Organization. 2002. Communicable Disease Surveillance and Response. *Guidelines for the Safe Transport of Infectious Substances and Diagnostic Specimens*. Information obtained from <http://www.who.int/emc/biosafety.html>.

THIS PAGE INTENTIONALLY LEFT BLANK